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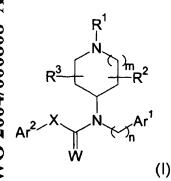
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: N-SUBSTITUTED PIPERIDINE DERIVATIVES AS SEROTONIN RECEPTOR AGENTS



(57) Abstract: Disclosed herein are compounds of Formula I, or a pharmaceutically acceptable salt, amide, ester, or prodrug thereof. Also disclosed are methods of inhibiting an activity of a monoamine receptor comprising contacting the monoamine receptor or a system containing the monoamine receptor with an effective amount of one or more of the compounds of Formula I. Disclosed are also methods of inhibiting an activation of a monoamine receptor comprising contacting the monoamine receptor or a system containing the monoamine receptor with an effective amount of one or more of the compounds of Formula I. Furthermore, methods of treating psychotic disease using a compound of Formula I are disclosed.

INTERNATIONAL SEARCH REPORT

Internation pplication No PCT/US 03/19797

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D405/06 C07D405/14 A61K31/4468 A61P25/28 C07D211/58 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) CO7D IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X WO 01 66521 A (ULDAM A K ; HANSEN E L (DK); 1-3,5, ANDERSSON CARL M (DK); CROSTON GLENN () 7~14, 13 September 2001 (2001-09-13) 25-35 claim 1; examples 5,6 Υ the whole document 1~35 γ FR 2 802 206 A (SOD CONSEILS RECH APPLIC) 1-35 15 June 2001 (2001-06-15) page 3, line 12; claim 1 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. . Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *O* document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the International search Date of mailing of the international search report 26 November 2003 03/12/2003 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Timmermans, M

INTERNATIONAL SEARCH REPORT

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		PCT/US 03/19	3131
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Rel	evant to claim No.
		Rel	1-35

International application No. PCT/US 03/19797

INTERNATIONAL SEARCH REPORT

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)					
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:						
1. χ	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:					
	Although claims 25-35 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the compound/composition.					
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:					
	·					
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).					
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)					
This Inte	emational Searching Authority found multiple inventions in this international application, as follows:					
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.					
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.					
3.	As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:					
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:					
Remarl	k on Protest The additional search fees were accompanied by the applicant's protest.					
	No protest accompanied the payment of additional search fees.					

INTERNATIONAL SEARCH REPORT

Internatio pplication No
PCT/US 03/19797

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